

[illegible]

SLAB NO.	THICKNESS	REINFORCEMENT IN SHORTER SPAN	REINFORCEMENT IN LONGER SPAN
S1	100	8 TOR @ 150 C/C	8 TOR @ 150 C/C
S2	125	8 TOR @ 125 C/C	8 TOR @ 125 C/C
S3	150	8 TOR @ 100 C/C	8 TOR @ 100 C/C

[illegible]

BLOCK 1

BEAM NO.	SECTION	SUPPORT REINFORCEMENT		SPAN REINFORCEMENT		BAR
		TOP	BOTTOM	TOP	BOTTOM	
86, 815, 818, 819, 839, 836, 826, 837, 838, 839, 840, 841, 854, 855, 862, 863, 864, 865, 866, 869	250/400	2-16 TOR	2-16 TOR	2-16 TOR	2-16 TOR	8 TOR @ 150 C/C
853, 848, 851, 851, 827, 822, 842, 843, 844, 845, 846, 847, 848, 844, 857, 858, 860, 861	250/400	3-16 TOR	2-16 TOR	2-16 TOR	3-16 TOR	8 TOR @ 150 C/C
811, 813, 824, 825, 842, 845, 856, 859	250/400	5-16 TOR	2-16 TOR	2-16 TOR	5-16 TOR	8 TOR @ 150 C/C
87, 89, 827, 828	250/400	6-16 TOR	3-16 TOR	3-16 TOR	6-16 TOR	8 TOR @ 150 C/C
81, 86, 810, 814, 816, 821, 823, 826, 829, 834,	250/400	6-16 TOR	3-16 TOR	-	-	8 TOR @ 150 C/C

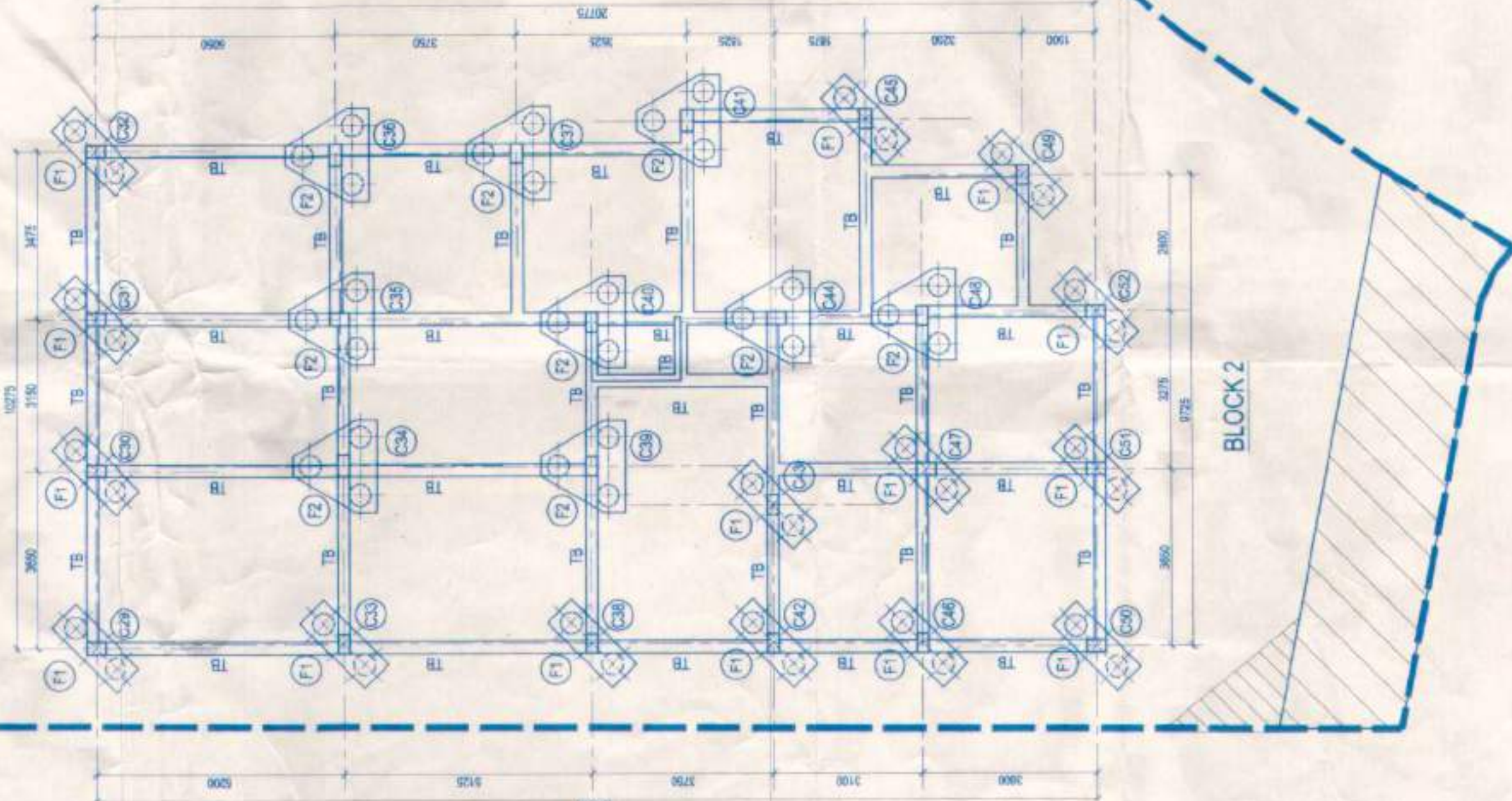
BEAM NO.	SECTION	SUPPORT REINFORCEMENT		SPAN REINFORCEMENT		L/W
		TOP	BOTTOM	TOP	BOTTOM	
B63, B69, B70, B72, B73, B77, B80, B87, B97, B98, B99, B100, B101, B102, B103, B104, B114, B118, B119, B120	250X400		2-16 TOR	2-16 TOR	2-16 TOR	150 C/C
B74, B75, B76, B83, B89, B105, B109, B113	250X400	3-16 TOR	2-16 TOR	2-16 TOR	3-16 TOR	
B93, B94, B95, B96, B108, B109, B110, B115	250X400	4-16 TOR	2-16 TOR	2-16 TOR	4-16 TOR	
B65, B90, B121	250X400	5-16 TOR	2-16 TOR	2-16 TOR	5-16 TOR	
B66, B68, B100, B110, B117, B118, B119, B121, B123	250X400	6-16 TOR	3-16 TOR	3-16 TOR	6-16 TOR	
B106, B107, B111, B112, B113	250X400	5-20 TOR	2-20 TOR	2-20 TOR	5-20 TOR	8 TOR
B71, B79	250X400	6-16 TOR	2-16 TOR	-	-	

MIN. CEMENT CONTENT IN CONCRETE (S/L. BE = 330 kg/m ³)		DESIGNED BY	REINFORCEMENT	CAPACITY
TYPE	SIZE OF PILE			
□ 25.0x10.0	400 x 2	○	6-12D10	214 T
□ 25.0x10.0	400 x 1	○	6-12D10	29 T

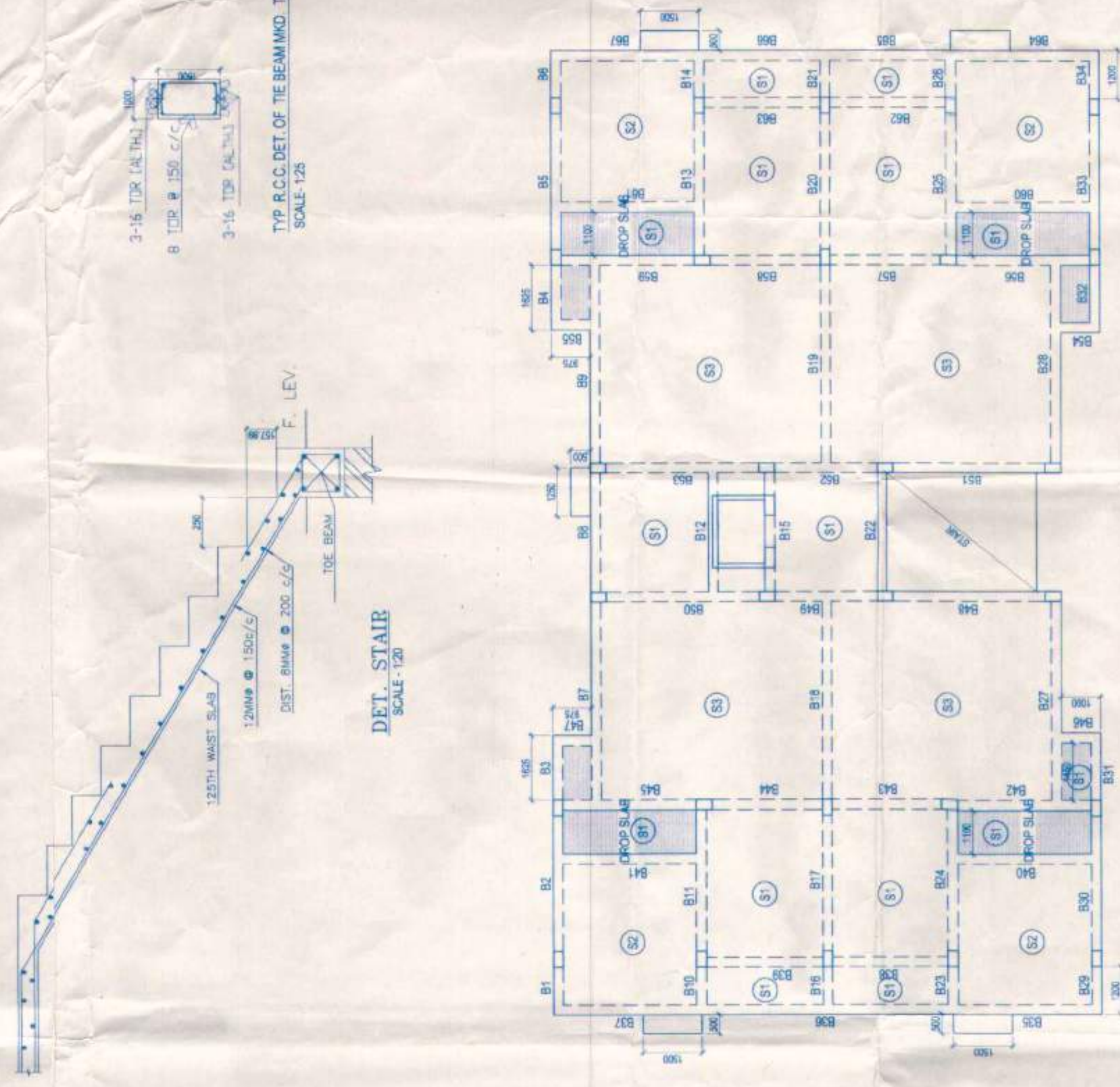
GRADE OF CONCRETE - M200				
TYPE	SIZE	DEPTH	REINFORCEMENT IN SHORTER DIRECTION	REINFORCEMENT IN LONGER DIRECTION
F1	700X1900	750	4-10 TOR 150C/C	16 TOR 150C/C @ 10 TOR 150C/C(T)
F2	AS SHOWN	750	4-10 TOR 150C/C	16 TOR 150C/C @ 10 TOR 150C/C(T)

GRADE OF CONCRETE - M200				
TYPE	SIZE	DEPTH	REINFORCEMENT IN SHORTER DIRECTION	REINFORCEMENT IN LONGER DIRECTION
F1	700X1900	750	4-10 TOR 150C/C	16 TOR 150C/C @ 10 TOR 150C/C(T)
F2	AS SHOWN	750	4-10 TOR 150C/C	16 TOR 150C/C @ 10 TOR 150C/C(T)

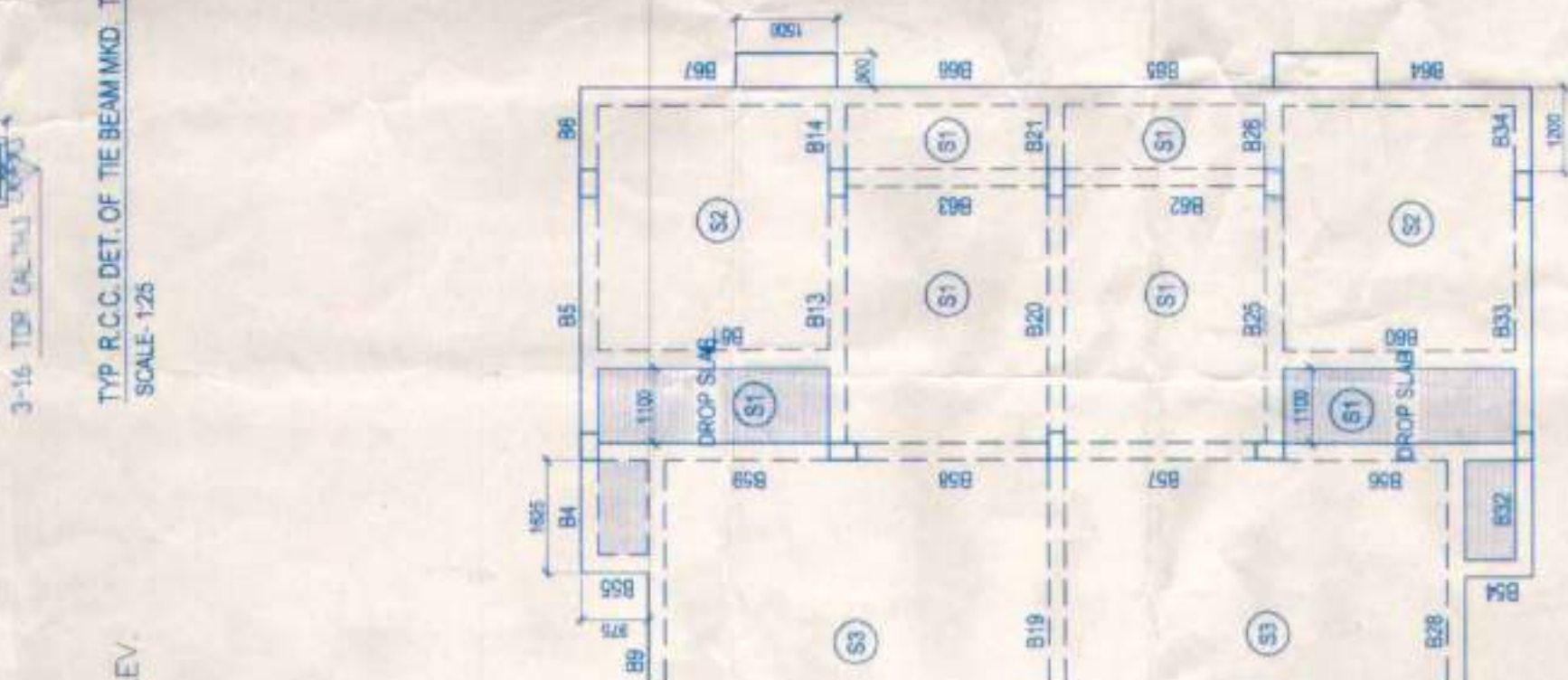
GRADE OF CONCRETE - M200				
TYPE	SIZE	DEPTH	REINFORCEMENT IN SHORTER DIRECTION	REINFORCEMENT IN LONGER DIRECTION
F1	700X1900	750	4-10 TOR 150C/C	16 TOR 150C/C @ 10 TOR 150C/C(T)
F2	AS SHOWN	750	4-10 TOR 150C/C	16 TOR 150C/C @ 10 TOR 150C/C(T)



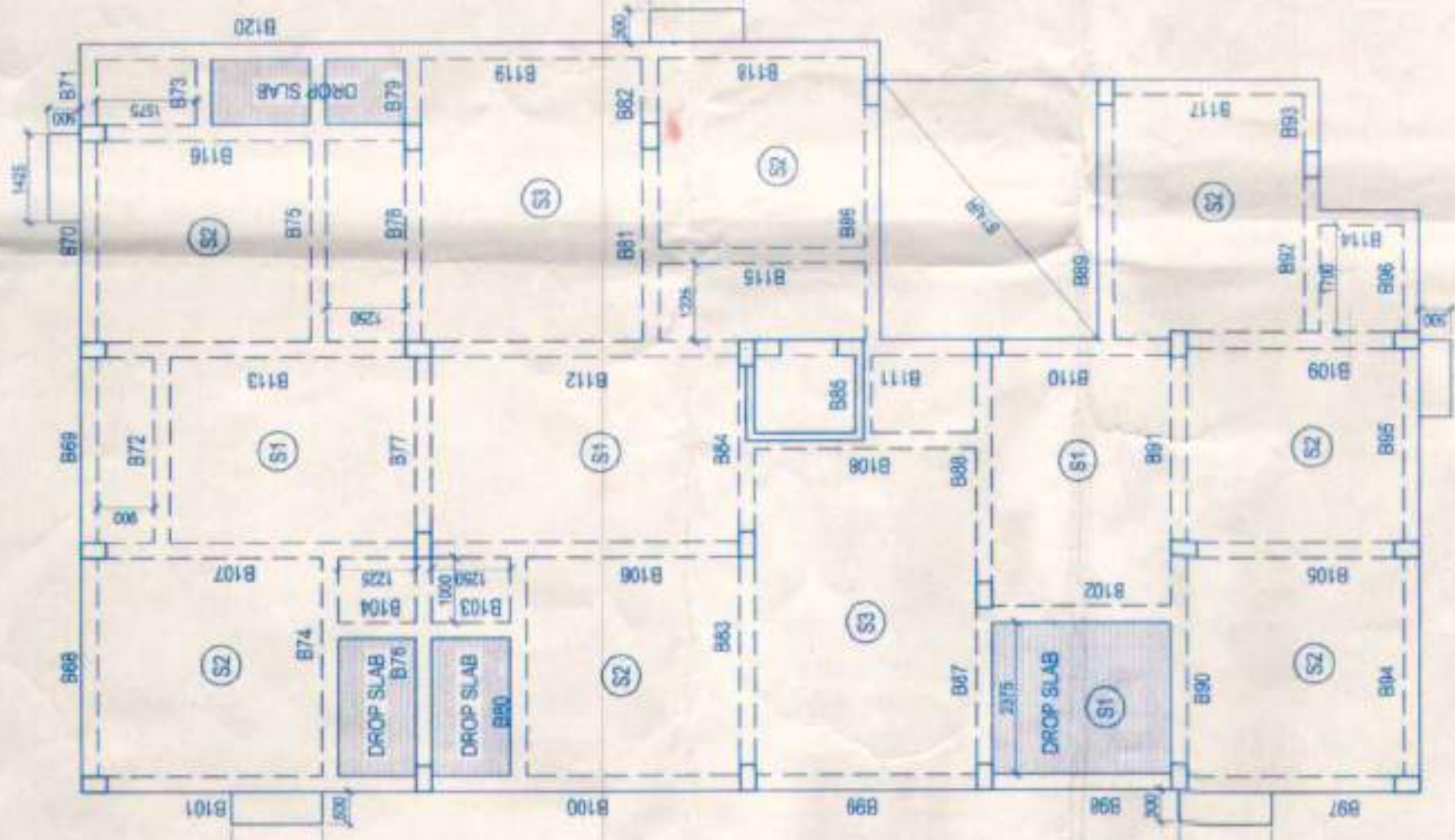
SCALE 1: 100



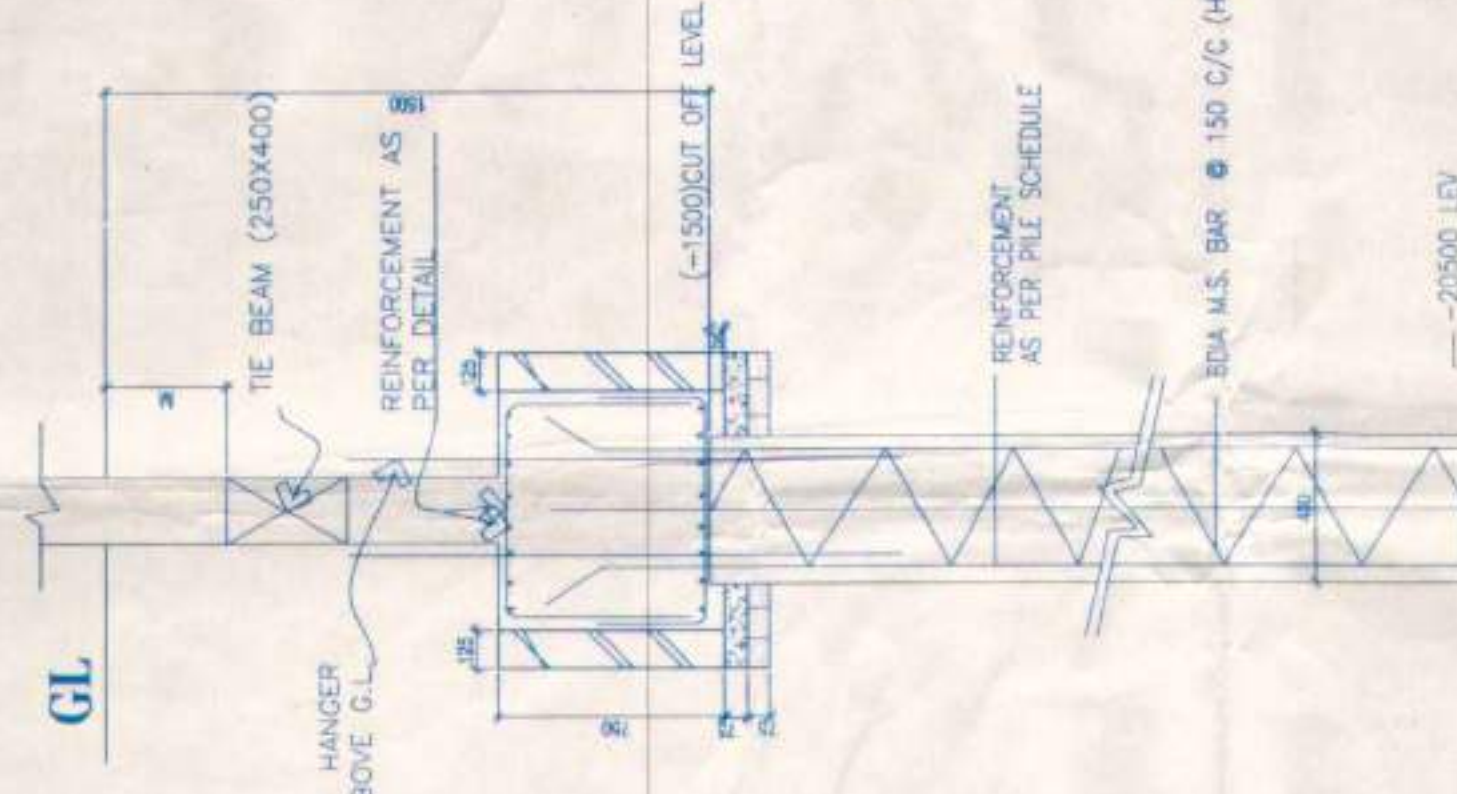
SCALE 1: 100



SCALE 1: 100



SCALE 1: 100



SCALE 1/2" = 1'

GRADE OF CONCRETE = M20 (1:1.5:3)
EMPTY BORE FROM G.L TO 1.0M ABOVE CUT OFF LEVEL
TO CUT OFF LEVEL, 10 LITERS WATER

Deling's Club

SIGNATURE OF ARCHITECT

Chemical Waste
SOURMENDRA NATH RAY
IITC Empowered Structural Engineer
NO. ESE II / 203

SIGNATURE OF STRUCTURAL ENGINEER

Discreets Than
 Senior Diller

PROPOSED G + IV STOREYED RESIDENTIAL BUILDING AT PREMISES NO. 21B SREENATH MUKHERJEE LANE, KOLKATA - 700030 IN WARD NO. - 4, BOROUGH NO. -1, UNDER KOLKATA MUNICIPAL CORPORATION.
U/R - 2009 & K.M.C. ACT 1980

FOUNDATION LAYOUT PLAN, STEEL PLAN OF TYPICAL FLOOR, SCHEDULE OF COLUMN, SLAB, BEAM & FOOTING AND SECTIONS FOR BOTH BLOCK 1 AND BLOCK 2.

DATE 10.04.15

SCALE :- 1:100

PARTY'S COPY

Structural plans and design calculations as submitted by the Engineer, Mr. Prakash Kumar, have been checked with the original drawings and calculations and found to be in accordance with the provisions of the Indian Standards, IS: 800-1984, IS: 456-1978, IS: 1343-1980, IS: 1344-1980, IS: 1346-1980, IS: 1347-1980, IS: 1348-1980, IS: 1349-1980, IS: 1350-1980, IS: 1351-1980, IS: 1352-1980, IS: 1353-1980, IS: 1354-1980, IS: 1355-1980, IS: 1356-1980, IS: 1357-1980, IS: 1358-1980, IS: 1359-1980, IS: 1360-1980, IS: 1361-1980, IS: 1362-1980, IS: 1363-1980, IS: 1364-1980, IS: 1365-1980, IS: 1366-1980, IS: 1367-1980, IS: 1368-1980, IS: 1369-1980, IS: 1370-1980, IS: 1371-1980, IS: 1372-1980, IS: 1373-1980, IS: 1374-1980, IS: 1375-1980, IS: 1376-1980, IS: 1377-1980, IS: 1378-1980, IS: 1379-1980, IS: 1380-1980, IS: 1381-1980, IS: 1382-1980, IS: 1383-1980, IS: 1384-1980, IS: 1385-1980, IS: 1386-1980, IS: 1387-1980, IS: 1388-1980, IS: 1389-1980, IS: 1390-1980, IS: 1391-1980, IS: 1392-1980, IS: 1393-1980, IS: 1394-1980, IS: 1395-1980, IS: 1396-1980, IS: 1397-1980, IS: 1398-1980, IS: 1399-1980, IS: 1400-1980, IS: 1401-1980, IS: 1402-1980, IS: 1403-1980, IS: 1404-1980, IS: 1405-1980, IS: 1406-1980, IS: 1407-1980, IS: 1408-1980, IS: 1409-1980, IS: 1410-1980, IS: 1411-1980, IS: 1412-1980, IS: 1413-1980, IS: 1414-1980, IS: 1415-1980, IS: 1416-1980, IS: 1417-1980, IS: 1418-1980, IS: 1419-1980, IS: 1420-1980, IS: 1421-1980, IS: 1422-1980, IS: 1423-1980, IS: 1424-1980, IS: 1425-1980, IS: 1426-1980, IS: 1427-1980, IS: 1428-1980, IS: 1429-1980, IS: 1430-1980, IS: 1431-1980, IS: 1432-1980, IS: 1433-1980, IS: 1434-1980, IS: 1435-1980, IS: 1436-1980, IS: 1437-1980, IS: 1438-1980, IS: 1439-1980, IS: 1440-1980, IS: 1441-1980, IS: 1442-1980, IS: 1443-1980, IS: 1444-1980, IS: 1445-1980, IS: 1446-1980, IS: 1447-1980, IS: 1448-1980, IS: 1449-1980, IS: 1450-1980, IS: 1451-1980, IS: 1452-1980, IS: 1453-1980, IS: 1454-1980, IS: 1455-1980, IS: 1456-1980, IS: 1457-1980, IS: 1458-1980, IS: 1459-1980, IS: 1460-1980, IS: 1461-1980, IS: 1462-1980, IS: 1463-1980, IS: 1464-1980, IS: 1465-1980, IS: 1466-1980, IS: 1467-1980, IS: 1468-1980, IS: 1469-1980, IS: 1470-1980, IS: 1471-1980, IS: 1472-1980, IS: 1473-1980, IS: 1474-1980, IS: 1475-1980, IS: 1476-1980, IS: 1477-1980, IS: 1478-1980, IS: 1479-1980, IS: 1480-1980, IS: 1481-1980, IS: 1482-1980, IS: 1483-1980, IS: 1484-1980, IS: 1485-1980, IS: 1486-1980, IS: 1487-1980, IS: 1488-1980, IS: 1489-1980, IS: 1490-1980, IS: 1491-1980, IS: 1492-1980, IS: 1493-1980, IS: 1494-1980, IS: 1495-1980, IS: 1496-1980, IS: 1497-1980, IS: 1498-1980, IS: 1499-1980, IS: 1500-1980, IS: 1501-1980, IS: 1502-1980, IS: 1503-1980, IS: 1504-1980, IS: 1505-1980, IS: 1506-1980, IS: 1507-1980, IS: 1508-1980, IS: 1509-1980, IS: 1510-1980, IS: 1511-1980, IS: 1512-1980, IS: 1513-1980, IS: 1514-1980, IS: 1515-1980, IS: 1516-1980, IS: 1517-1980, IS: 1518-1980, IS: 1519-1980, IS: 1520-1980, IS: 1521-1980, IS: 1522-1980, IS: 1523-1980, IS: 1524-1980, IS: 1525-1980, IS: 1526-1980, IS: 1527-1980, IS: 1528-1980, IS: 1529-1980, IS: 1530-1980, IS: 1531-1980, IS: 1532-1980, IS: 1533-1980, IS: 1534-1980, IS: 1535-1980, IS: 1536-1980, IS: 1537-1980, IS: 1538-1980, IS: 1539-1980, IS: 1540-1980, IS: 1541-1980, IS: 1542-1980, IS: 1543-1980, IS: 1544-1980, IS: 1545-1980, IS: 1546-1980, IS: 1547-1980, IS: 1548-1980, IS: 1549-1980, IS: 1550-1980, IS: 1551-1980, IS: 1552-1980, IS: 1553-1980, IS: 1554-1980, IS: 1555-1980, IS: 1556-1980, IS: 1557-1980, IS: 1558-1980, IS: 1559-1980, IS: 1560-1980, IS: 1561-1980, IS: 1562-1980, IS: 1563-1980, IS: 1564-1980, IS: 1565-1980, IS: 1566-1980, IS: 1567-1980, IS: 1568-1980, IS: 1569-1980, IS: 1570-1980, IS: 1571-1980, IS: 1572-1980, IS: 1573-1980, IS: 1574-1980, IS: 1575-1980, IS: 1576-1980, IS: 1577-1980, IS: 1578-1980, IS: 1579-1980, IS: 1580-1980, IS: 1581-1980, IS: 1582-1980, IS: 1583-1980, IS: 1584-1980, IS: 1585-1980, IS: 1586-1980, IS: 1587-1980, IS: 1588-1980, IS: 1589-1980, IS: 1590-1980, IS: 1591-1980, IS: 1592-1980, IS: 1593-1980, IS: 1594-1980, IS: 1595-1980, IS: 1596-1980, IS: 1597-1980, IS: 1598-1980, IS: 1599-1980, IS: 1600-1980, IS: 1601-1980, IS: 1602-1980, IS: 1603-1980, IS: 1604-1980, IS: 1605-1980, IS: 1606-1980, IS: 1607-1980, IS: 1608-1980, IS: 1609-1980, IS: 1610-1980, IS: 1611-1980, IS: 1612-1980, IS: 1613-1980, IS: 1614-1980, IS: 1615-1980, IS: 1616-1980, IS: 1617-1980, IS: 1618-1980, IS: 1619-1980, IS: 1620-1980, IS: 1621-1980, IS: 1622-1980, IS: 1623-1980, IS: 1624-1980, IS: 1625-1980, IS: 1626-1980, IS: 1627-1980, IS: 1628-1980, IS: 1629-1980, IS: 1630-1980, IS: 1631-1980, IS: 1632-1980, IS: 1633-1980, IS: 1634-1980, IS: 1635-1980, IS: 1636-1980, IS: 1637-1980, IS: 1638-1980, IS: 1639-1980, IS: 1640-1980, IS: 1641-1980, IS: 1642-1980, IS: 1643-1980, IS: 1644-1980, IS: 1645-1980, IS: 1646-1980, IS: 1647-1980, IS: 1648-1980, IS: 1649-1980, IS: 1650-1980, IS: 1651-1980, IS: 1652-1980, IS: 1653

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